

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2004/018501

| A. CLASSIFICATION OF SUBJECT MATTER Int.Cl ⁷ C07K16/28, C12N15/11, 1/15, 1/19, 1/21, 5/00, C12P21/02, A61K39/395, A61P35/00, 35/02, 37/02, 43/00//C12P21/08 | | |
|--|--|---|
| According to International Patent Classification (IPC) or to both national classification and IPC | | |
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) Int.Cl ⁷ C07K16/28, C12N15/11, 1/15, 1/19, 1/21, 5/00, C12P21/02, A61K39/395, A61P35/00, 35/02, 37/02, 43/00//C12P21/08 | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) CAPLUS (STN), MEDLINE (STN), BIOSIS (STN), WPIDS (STN), JICST FILE (JOIS), SwissProt/PIR/GeneSeq, Genbank/EMBL/DDBJ/GeneSeq | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| P, X | BRUENKE J. et al., "A recombinant bispecific single-chain Fv antibody against HLA class II and FcγRIII (CD16) triggers effective lysis of lymphoma cells", British Journal of Haematology, April 2004, Vol.125, No.2, pages 167 to 179 | 1-7, 17-28 |
| Y | SEKIMOTO E. et al., "A recombinant HLA Class I-Specific Single Fv Diabody Induces Cell Death in Human Lymphoid Malignancies.", Blood, November, 2003, Vol.102, No.11, page 933a, Abstract. #3474 | 1-14, 16-28 |
| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
| * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "&" document member of the same patent family | | |
| Date of the actual completion of the international search 11 March, 2005 (11.03.05) | | Date of mailing of the international search report 29 March, 2005 (29.03.05) |
| Name and mailing address of the ISA/ Japanese Patent Office | | Authorized officer |
| Facsimile No. | | Telephone No. |

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | KIPRIYANOV SM. et al., "Effect of domain order on the activity of bacterially produced bispecific single-chain Fv antibodies", J.Mol.Biol., 2003, June, Vol.330, No.1, pages 99 to 111 | 1-14,16-28 |
| Y | Laurent Genestier, et al., "Fas-Independent Apoptosis of Activated T Cells Induced by Antibodies to the HLA Class I 1 Domain", Blood, 1997, Vol.90, No.9, pages 3629 to 3639 | 1-7,17-28 |
| Y | Hudson PJ. et al., "High avidity scFv multimers: diabodies and triabodies.", J.Immunol.Methods., 1999, Vol.231, No. 1-2, p.177-89., Review | 1-7,17-28 |
| Y | JP 7-503622 A (The Dow Chemical Co.), 20 April, 1995 (20.04.95), Full description & WO 94/13806 A1 & EP 628078 A & US 5877291 A1 | 1-7,17-28 |
| Y | CO MS., et al., "A humanized antibody specific for the platelet integrin gpIIb/IIIa." J.Immunol., 1994, Vol.152, No.6, p.2968-76. | 1-14,16-28 |
| P,A | WO 2004/033499 A1 (Chugai Pharmaceutical Co., Ltd.), 22 April, 2004 (22.04.04), (Family: none) | 1-28 |